

Mouse IgG2a Kappa (κ) isotype Control

Monoclonal M2AK IgG2a , Unconjugated Catalog # ASR2267

Specification

Mouse IgG2a Kappa (κ) isotype Control - Product Information

Description MOUSE IgG2a Kappa (κ) isotype control

Conjugate Unconjugated Clonality Monoclonal

Application ,4,

Application Note FlowCytometry 1:1000-1:5000
Physical State Liquid (sterile filtered)

Host Isotype IgG2a

Buffer 0.02 M Potassium Phosphate, 0.5 M

Sodium Chloride, pH 7.2

Species of Origin
Stabilizer

Mouse
None

Preservative 0.01% (w/v) Sodium Azide

Mouse IgG2a Kappa (κ) isotype Control - Additional Information

Shipping Condition

Wet Ice

Purity

Mouse Isotype control has been prepared from concentrated cell culture supernatant by immunoaffinity chromatography using protein A. In an Ouchterlony double diffusion assay the material is non-reactive with antisera to mouse IgG1, IgG2b, IgG3, IgM, and IgA. Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-Mouse IgG and anti-Mouse serum. Light and heavy chain composition confirmed by RID.

Storage Condition

Store vial at 4° C prior to opening. This product is stable 4° C as an undiluted liquid. Dilute only prior to immediate use. For extended storage mix with an equal volume of glycerol, aliquot contents and freeze at -20° C or below. Avoid cycles of freezing and thawing.

Precautions Note

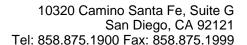
This product is for research use only and is not intended for therapeutic or diagnostic applications.

Mouse IgG2a Kappa (κ) isotype Control - Protein Information

Mouse IgG2a Kappa (κ) isotype Control - Protocols

Provided below are standard protocols that you may find useful for product applications.

Western Blot





• Blocking Peptides

- Dot Blot
- <u>Immunohistochemistry</u>
- <u>Immunofluorescence</u>
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

Mouse IgG2a Kappa (κ) isotype Control - Images

Mouse IgG2a Kappa (κ) isotype Control - Background

Mouse isotype controls are used in flow cytometry, western blot and ELISA and differentiate between immunoglobulin classes and subclasses. Isotype controls allow for the genetic variations or differences in the constant regions of the heavy and light chains. In mouse there are six relevant heavy chain isotypes and two light chain isotypes: heavy chain a - IgA, ? - IgG 1, 2a, 2b, 3 and μ - IgM, light chain ? and ?.